

## ABSTRACT OF THE DISCLOSURE

- 5 A method of well planning in an automatic well planning system comprises the steps of:  
selecting one or more tasks in a task manager; verifying by a task dependency a proper  
order of the one or more tasks; retrieving by the task manager from a task base one or  
more sets of instructions associated with the one or more tasks selected in the task  
manager and verified by the task dependency; retrieving by the task manager from an  
10 access manager one or more sets of input data associated with the one or more sets of  
instructions retrieved by the task manager from the task base; verifying that each set of  
input data of the one or more sets of input data retrieved by the task manager from the  
access manager is received by a corresponding one of the one or more sets of instructions  
retrieved by the task manager from the task base; executing, by the task manager, the one  
15 or more sets of instructions and using, by the task manager, the one or more sets of input  
data during the executing step thereby generating a set of results; and recording or  
displaying, by a task view base, the set of results on a recorder or display device.